

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nashner, Lewis Att'y. Docket: 469/129
Serial No.: 09/145,255 Art Unit: 3736
Date Filed: Sept. 1, 1998 Examiner: Max Hindenburg
Invention: APPARATUS AND Date: June 8, 2000
METHOD FOR MOVEMENT
COORDINATION ANALYSIS



CERTIFICATE OF MAILING

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PRIOR ART CITED IN THE INSTANT APPLICATION
AND IN APPLICATION SERIAL NO. 08/147,613, WHICH
ISSUED ON SEPTEMBER 3, 1996 AS PATENT NO. 5,551,445

Sir:

In response to the Examiner's request, following is a list of all prior art cited by the Applicant or the Examiner in the present application and in application Serial No. 08/147,613, which issued on September 3, 1996 as Patent No. 5,551,445.



The Examiner's supervisor informed us in a telephone conversation of June 8, 2000 that the Examiner does not require copies of the citations.

<u>U.S. Patents</u>					
<u>Exam. Initials</u>	<u>Ref.</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>
<i>MM</i>	AA	2,670,729	3/11/54	Grant	128/782
	AB	3,859,736	1/14/75	Hill et al.	434/55
	AC	3,890,722	6/24/75	Nunez	434/55
	AD	3,906,931	9/23/75	Tereklov	128/782
	AE	4,122,840	10/31/78	Tsuchiva et al.	128/2S
	AF	4,164,080	8/14/79	Kosydar et al.	434/55
	AG	4,549,555	10/19/85	Fraser et al.	128/782
	AH	4,738,269	4/19/88	Nashner	128/782
<i>MM</i>	AI	5,052,406	10/1/91	Nashner	128/782
	AJ	5,551,445	9/3/96	Nashner	128/782

<u>Foreign Patent Documents</u>				
	<u>Document Number</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>
<i>MM</i>	AK	0121025	9/1979	Japan
	AL	695656	11/5/79	USSR
	AM	712075	1/1980	USSR
	AN	820803	4/18/81	USSR
	AO	904663	2/18/82	USSR
<i>MM</i>	AP	WO90/06082	6/1990	WIPO

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Other References

MA AQ Shumway-Cook et al., "Assessing the Confluence of Sensory Interaction on Balance," *J. of Amer. Phys. Therapy Assn.*, Oct. 1986.

MA AR Cardo et al., "Properties of Postural Adjustments Associated with Rapid Arm Movements," *J. Neurophysiology* 47:287-302 (1982).

MA AS Dietz et al., "Spinal Coordination of Bilateral Leg Muscle Activity During Balancing," *Exp. Brain Res.* 47:172-76 (1982).

MA AT Horstmann et al., "Speziallaufband für Stand und Ganguntersuchungen in Forschung und Klinik," *Biomedizinische Technik* 32:250-254 (1987).

MA AU Koles et al., "The Relationship; Between Body Sway and Foot Pressure in Normal Man," *J. Med. Engr.* 4:?? (1980).

MA AV Löfstedt, "An Apparatus for Generating Controlled Ramp Movements During Studies of Muscle Spindle Afferent Activity and Muscle Tone in Man," *IEEE Transactions on Biomedical Engineering* 25:374-377 (1978).

MA AW Nashner, "Analysis of Stance Posture in Humans," pages 527-565 of Chapter 10 of Volume 5 of *Handbook of Behavioral Neurobiology*, New York: Plenum Publishing (1981).

MA AX Nashner, "Fixed Patterns of Rapid Postural Responses Among Leg Muscles During Stance," *Exp. Brain Res.* 30:13-24 (1977).

MA AY Nashner, *Sensory Feedback in Human Posture Control*, MIT, MVT-70-3, 1970.

MA AZ Nashner et al., "Influence of Head Position and Proprioceptive Cues on Short Latency Postural Reflexes Evoked by Galvanic Stimulation of the Human Labyrinth," *Brain Research* 67:255-268 (1974).



AA	ASHNER	Nashner et al., "Organization of Rapid Responses to Postural and Locomotor-Like Perturbations of Standing Man," <i>Exp. Brain Research</i> 36:463-476 (1979).
AA	BB	Nashner et al., "Stance Posture Control in Select Groups with Cerebral Palsy: Deficits in Sensory Organization and Muscular Coordination," <i>Exp. Brain Res.</i> 49:393-409 (1983).
AA	BC	Nashner et al., "Visual Contribution to Rapid Motor Responses During Postural Control, <i>Brain Research</i> 150:403-407 (1978).
AA	BD	Tole et al., "A Microprocessor-Controlled Vestibular Examination Chair," <i>IEEE Transactions on Biomedical Engineering</i> 28:390-395 (1981).
AA	BE	Lee et al., "A New Instrument for Recording of the Evoked Compound Electro Myogram," <i>Anesthesia and Analgesia, Current Researches</i> , April 1977.

Examiner: H. Hindenburg

Date: 6/30/00

Respectfully submitted,

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